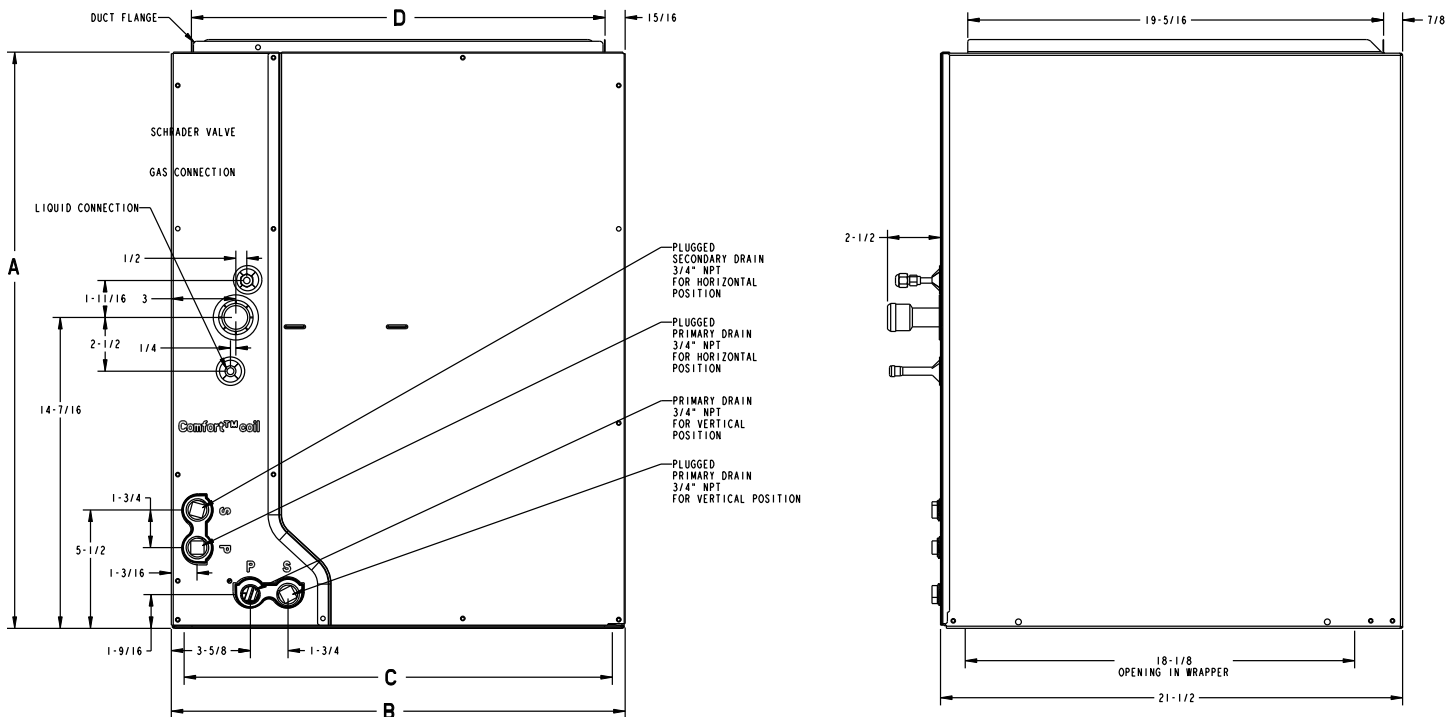


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SPECIFICATION

1-1/2 - 5 ton Comfort Coils™, Split System Aluminum Heat Pump / Cooling Coils Cased Upflow/Downflow Horizontal 2/4TXC Series Coils



MODEL	2TXCA018BC3HCA 4TXCA018BC3HCA 2TXCA024BC3HCA 4TXCA024BC3HCA	2TXCB025BC3HCA 4TXCB025BC3HCA 2TXCB031BC3HCA 4TXCB031BC3HCA	4TXCB032BC3HCA 2TXCB036BC3HCA 4TXCB036BC3HCA 2TXCB042BC3HCA 4TXCB042BC3HCA	2TXCC037BC3HCA 4TXCC037BC3HCA 2TXCC043BC3HCA 4TXCC043BC3HCA	2TXCB048BC3HCA 4TXCB048BC3HCA	4TXCC044BC3HCA 2TXCC049BC3HCA 4TXCC049BC3HCA	2TXCC060BC3HCA 4TXCC060BC3HCA
WEIGHT (LBS.)	34	38	45	48	49	51	65
REFRIGERANT CONTROL	TXV (NON-BLEED)						
HEIGHT "A" (IN.)	22-5/8	17-5/8	22-5/8	22-5/8	26-7/8	26-7/8	30-1/16
OVERALL WIDTH "B" (IN.)	14-1/2	17-1/2		21	17-1/2	21	
OPENING WIDTH "C" (IN.)	13-1/2	16-1/2		20	16-1/2	20	
TOP OPENING "D"	12-3/4	15-3/4		19-1/4	15-3/4	19-1/4	
GAS CONNECTION	3/4 BRAZE		7/8 BRAZE		1-1/8 BRAZE		
R410-A GAS REDUCER	5/8" X 3/4"	5/8" X 3/4" (025 ONLY)	3/4" X 7/8"		7/8" X 1-1/8"		
LIQUID CONNECTION	5/16 BRAZE		3/8 BRAZE				
MATCHED FURNACE WIDTH (NO ADAPTER REQUIRED)	14-1/2	17-1/2		21	17-1/2	21	
DRAIN PAN	PLASTIC						

* Reducer supplied with R-410A models

Mechanical Specifications

General

Upflow, Downflow, or Horizontal coils shall be designed for cooling and heat pump applications. The coil shall be 3/8" seamless aluminum tubing mechanically bonded to aluminum plate fin.

Refrigerant for the TXC coils shall be controlled with factory installed Non-Bleed TXV refrigerant control. Refrigerant connections are brazed fittings with an additional Schrader Valve for system service.

The coil cabinet shall have a removable front and interior access panel for evaporator coil entering air surface cleaning.

The coil includes a drain pan with drain connections for vertical or horizontal operation and a horizontal auxiliary drain pan.

These coils are A.R.I. certified with American Standard's matching condensing units.

Accessories

Evaporator Defrost Control installed on coil for lower ambient operating conditions.

Non-Bleed Expansion Valve Kits for use with R410A refrigerant systems.

PRODUCT SPECIFICATIONS --- SPLIT SYSTEM HEAT PUMP / COOLING COMFORT™ COILS CASED UPFLOW / DOWNFLOW / HORIZONTAL

	2/4TXCA018BC3HCA		2/4TXCA024BC3HCA		2/4TXCB025BC3HCA		2/4TXCB031BC3HCA		4TXCB032BC3HCA	
INDOOR COIL -- Type	PLATE FIN		PLATE FIN		PLATE FIN		PLATE FIN		PLATE FIN	
Rows / F.P.I.	2 / 18		2 / 18		3 / 14		3 / 14		3 / 14	
Face Area (sq.ft.)	3.50		4.00		3.50		3.50		5.00	
Tube Size	3/8		3/8		3/8		3/8		3/8	
Refrigerant Control (No internal check valve)	Non-Bleed TXV		Non-Bleed TXV		Non-Bleed TXV		Non-Bleed TXV		Non-Bleed TXV	
Drain Conn. Size (in.)	3/4 NPT		3/4 NPT		3/4 NPT		3/4 NPT		3/4 NPT	
Duct Connections	-See Outline Drawings-									
REFRIGERANT CONNECTIONS	R-22	R-410A	R-22	R-410A	R-22	R-410A	R-22	R-410A	R-22	R-410A
	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED
Line Size -- Gas (in.)	5/8	1/2*	3/4	5/8*	3/4	5/8*	3/4	3/4	7/8	3/4*
Line Size -- Liquid (in.)	1/4	1/4	5/16	5/16	5/16	5/16	5/16	5/16	3/8	3/8
DIMENSIONS (in.)	H X W X D		H X W X D		H X W X D		H X W X D		H X W X D	
Crated (H x W x D)	15-1/2x17-1/2x26-1/2		18-1/2x17-1/2x26-1/2		16-1/2x20-1/2x26-1/2		16-1/2x20-1/2x26-1/2		22-3/4x20-1/2x26-1/2	
Uncrated	-See Outline Drawings-									
WEIGHT (lbs)										
Shipping -- Net	36 / 34		36 / 34		40 / 38		40 / 38		48 / 45	

* Reducer supplied with R-410A models

[1] These indoor coils are A.R.I. certified with various split system air conditioners and heat pumps (A.R.I. Standard 210/240).

Refer to the split system product data guides for performance data.

PRODUCT SPECIFICATIONS --- SPLIT SYSTEM HEAT PUMP / COOLING COMFORT™ COILS CASED UPFLOW / DOWNFLOW / HORIZONTAL

	2/4TXCB036BC3HCA		2/4TXCC037BC3HCA		2/4TXCB042BC3HCA		2/4TXCC043BC3HCA		4TXCC044BC3HCA	
INDOOR COIL -- Type	PLATE FIN		PLATE FIN		PLATE FIN		PLATE FIN		PLATE FIN	
Rows / F.P.I.	3 / 14		3 / 14		3 / 14		3 / 14		3 / 14	
Face Area (sq.ft.)	5.00		5.00		5.00		5.00		6.00	
Tube Size	3/8		3/8		3/8		3/8		3/8	
Refrigerant Control (No internal check valve)	Non-Bleed TXV		Non-Bleed TXV		Non-Bleed TXV		Non-Bleed TXV		Non-Bleed TXV	
Drain Conn. Size (in.)	3/4 NPT		3/4 NPT		3/4 NPT		3/4 NPT		3/4 NPT	
Duct Connections	-See Outline Drawings-									
REFRIGERANT CONNECTIONS	R-22	R-410A	R-22	R-410A	R-22	R-410A	R-22	R-410A	R-22	R-410A
	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED	BRAZED
Line Size -- Gas (in.)	7/8	3/4*	7/8	3/4*	7/8	3/4*	7/8	3/4*	1-1/8	7/8*
Line Size -- Liquid (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D		H X W X D		H X W X D		H X W X D		H X W X D	
Crated (H x W x D)	22-3/4x20-1/2x26-1/2		22-3/4x24x26-1/2		22-3/4x20-1/2x26-1/2		22-3/4x24x26-1/2		28-1/4x24x26-1/2	
Uncrated	-See Outline Drawings-									
WEIGHT (lbs)										
Shipping -- Net	48 / 45		51 / 48		48 / 45		51 / 48		55 / 51	

2/4TXCB048BC3HCA							2/4TXCC049BC3HCA		2/4TXCC060BC3HCA	
INDOOR COIL -- Type		PLATE FIN			PLATE FIN			PLATE FIN		
Rows / F.P.I.		3 / 14			3 / 14			3 / 14		
Face Area (sq.ft.)		6.00			6.00			7.00		
Tube Size		3/8			3/8			3/8		
Refrigerant Control (No internal check valve)		Non-Bleed TXV			Non-Bleed TXV			Non-Bleed TXV		
Drain Conn. Size (in.)		3/4 NPT			3/4 NPT			3/4 NPT		
Duct Connections								-See Outline Drawings-		
REFRIGERANT CONNECTIONS		R-22	R-410A		R-22	R-410A		R-22	R-410A	
		BRAZED	BRAZED		BRAZED	BRAZED		BRAZED	BRAZED	
Line Size -- Gas (in.)		1-1/8	7/8*		1-1/8	7/8*		1-1/8	7/8*	
Line Size -- Liquid (in.)		3/8	3/8		3/8	3/8		3/8	3/8	
DIMENSIONS (in.)		H X W X D			H X W X D			H X W X D		
Crated (H x W x D)		28-1/4x20-1/2x26-1/2			28-1/4x24x26-1/2			31-1/2x24x26-1/2		
Uncrated								-See Outline Drawings-		
WEIGHT (lbs)										
Shipping -- Net		51 / 49			55 / 51			69 / 65		

* Reducer supplied with R-410A models

[1] These indoor coils are A.R.I. certified with various split system air conditioners and heat pumps (A.R.I. Standard 210/240). Refer to the split system product data guides for performance data.

PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS

AIRFLOW (CFM) VS. PRESSURE DROP ACROSS WET COIL

PRESSURE DROP (INCHES OF WATER COLUMN)

MODEL	.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
2/4TXCA018BC3HCA	360	545	690	820	930	1040	1135	1230
2/4TXCA024BC3HCA	360	545	690	820	930	1040	1135	1230
2/4TXCB025BC3HCA 2/4TXCB031BC3HCA	310	515	700	865	1020	1170	1310	1450
4TXCB032BC3HCA 2/4TXCB036BC3HCA 2/4TXCB042BC3HCA	480	690	860	1005	1130	1250	1360	1460
2/4TXCB048BC3HCA	470	680	840	980	1110	1220	1330	1425
2/4TXCC037BC3HCA 2/4TXCC043BC3HCA	630	900	1105	1280	1440	1520	1710	1830
4TXCC044BC3HCA 2/4TXCC049BC3HCA	675	970	1200	1390	1560	1715	1860	2000
2/4TXCC060BC3HCA	680	965	1190	1375	1540	1685	1820	1950
2/4TXCD050BC3HCA	810	1140	1390	1600	1790	1950	2110	2250
2/4TXCD061BC3HCA	820	1155	1410	1620	1810	1980	2130	2280
4TXCD064BC3HCA	670	1000	1250	1470	1670	1850	2020	2180

Since American Standard, Inc. has a policy of continuous product and product data improvement, it reserves the right to change specifications and design without notice.

Technical Literature - Printed in U.S.A.

American Standard Inc.
6200 Troup Highway
Tyler, TX 75707

Library

Product Section

Product

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